

# Single-Component Injection Pump

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The Single-Component Injection Pump is a professional high-performance system designed for low to medium pressure injection of polyurethane (PU) and epoxy resins into concrete cracks for waterproofing, structural repair, and rehabilitation applications. Engineered for reliability, precision, and ease of operation in construction and industrial environments.

Specification	Details
Pump Type	Single-Component Electric Injection Pump
Motor Type	Industrial Electric Motor
Voltage	220V / 50-60Hz (Single Phase)
Power	800 – 1200 W (Depending on Model)
Working Pressure	10 – 30 Bar (Adjustable)
Flow Rate	1 – 3 L/min (Depending on Resin Viscosity)
Material Tank Capacity	5 – 10 Liters (Chemical Resistant Tank)
Pressure Gauge	Integrated Manometer for Accurate Monitoring
Hose Length	Standard 5 – 10 meters High-Pressure Hose
Application Material	Polyurethane (PU), Epoxy Resins
Weight	Approx. 8 – 15 kg

## Key Advantages

- Compact and portable design - Stable and controlled low-pressure injection (10–30 Bar) - Easy maintenance and cleaning - Suitable for small to medium waterproofing projects - Energy-efficient electric motor - Durable stainless steel components

## Applications

- Basement leakage repair - Crack injection in concrete structures - Swimming pool and water tank waterproofing - Foundation and retaining wall sealing - General building maintenance works